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## **REMARKS**

Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention. This case has been carefully reviewed and analyzed in view of the office action.

Responsive to the objections and rejections made of the Examiner in office action. We have amended the specification, claims and abstracts. All the errors disclosed in that office action has been corrected according to the Examiner's indications disclosed in the official action.

Examiner has kindly provides reference prior arts about the present invention, and thus the applicant has more information about the invention. All details of the reference prior arts are fully considered and compared with the present invention.

Indeed the citations disclose some features of the present invention, and the applicant agrees with these viewpoints, however applicant discovers that some main features of the present invention is not disclosed in the citation which can form the novelty and inventive step of the present invention.

Firstly, applicant decides to cancel Claims 1 to 20, without prejudice or disclaimer of the subject matter thereof, and add new claims 21 to 30.

The added new claim 21 is based on the original claim 1, 3, 4, 5, 7, 8, 10 and 14, that is, to combine the features of claims 1, 6 and 7, but some description is modified based on Figs. 1 and 2 of the present invention. The new claim 22 add features same as the original claim 6 to the new claims 21. The new claim 23 add features same as the original claim 11 to the new claims 21. The new claim 24 add features same as the original claim 13 to the new claims 21. The new claim 25 add features same as the original claim 15 to the new claims 21.

The added new claim 26 is based on the original claim 1, 3, 12, 5, 7, 8, 10 and 14, that is, to combine the features of claims 1, 6 and 7, but some

description is modified based on Figs. 12 and 13 of the present invention. The new claim 27 add features same as the original claim 6 to the new claims 26. The new claim 28 add features same as the original claim 11 to the new claims 26. The new claim 29 add features same as the original claim 13 to the new claims 26. The new claim 30 add features same as the original claim 15 to the new claims 26.

Thereby, it is assured that the new claims are based on the original claim and specification and thus no new matter is added. The relation of the new claims with respect to the original claims are shown in the following.

#### LIST OF CLAIMS:

Claims 1 to 20 (Cancelled)

Claim 21 (New claim, the combination of original claims 1, 3, 4, 5, 7, 8, 10 and 14) A hand tool comprising:

a retractable shank including a rod assembly ~~movable rod~~ having an outer wall formed with an axially ~~a longitudinally~~ arranged slideway and a plurality of radial circumferential ~~transversely arranged~~ limit grooves intersecting the slideways ~~in a vertical manner~~; wherein the slideway is a recess and each groove is a whole circle enclosing a periphery of the retractable shank;

a handle telescopically mounted on the retractable shank; and

at least one fixing pin extended through the handle and having a distal end slidably mounted in the slideway of the rod assembly ~~movable rod~~ of the retractable shank and slidably positioned in either one of the limit grooves of the rod assembly ~~movable rod~~ of the retractable shank;

(from claim 3) wherein each of the limit grooves has an end

provided with a protruding stop portion for stopping and positioning the fixing pin;

(from claim 4) wherein an elastic member mounted between the retractable shank and the handle;

(from claim 5) wherein the handle has an inside formed with a receiving chamber for receiving the movable rod of the retractable shank and the elastic member;

(from claim 7) wherein the handle has a periphery formed with at least one through hole for receiving the fixing pin;

(from claim 8) wherein the handle has an inside formed with a receiving chamber, and the through hole of the handle communicates with the receiving chamber of the handle;

(from claim 10) wherein each of the limit grooves ~~of the movable rod of the retractable shank~~ has a wall formed with a positioning recess extended downward for positioning the fixing pin; and

(from claim 14) wherein the retractable shank includes a driving portion mounted on one end of the movable rod.

~~2. The hand tool in accordance with claim 1, wherein the limit grooves are in parallel with each other.~~

~~3. The hand tool in accordance with claim 1, wherein each of the limit grooves has an end provided with a protruding stop portion for stopping and positioning the fixing pin.~~

~~4. The hand tool in accordance with claim 1, further comprising an elastic member mounted between the retractable shank and the handle.~~

~~5. The hand tool in accordance with claim 4, wherein the handle has an inside formed with a receiving chamber for receiving the movable rod of the retractable shank and the elastic member.~~

Claim 22 ~~6~~ (New claim, original claim 6) The hand tool

in accordance with claim 15, wherein the distal end of the fixing pin is extended into the receiving chamber of the handle.

~~7. The hand tool in accordance with claim 1, wherein the handle has a periphery formed with at least one through hole for receiving the fixing pin.~~

~~8. The hand tool in accordance with claim 7, wherein the handle has an inside formed with a receiving chamber, and the through hole of the handle communicates with the receiving chamber of the handle.~~

~~9. The hand tool in accordance with claim 1, wherein the movable rod of the retractable shank can be retracted into and expanded outward from the receiving chamber of the handle, so as to adjust the distance between the retractable shank and the handle.~~

~~10. The hand tool in accordance with claim 1, wherein each of the limit grooves of the movable rod of the retractable shank has a wall formed with a positioning recess extended downward for positioning the fixing pin.~~

Claim 23 ~~11~~ (New claim, original claim 11) The hand tool in accordance with claim 110, wherein ~~the~~ each of the limit grooves has an end provided with a protruding stop portion, and the positioning recess is located adjacent to the stop portion.

~~12. The hand tool in accordance with claim 1, further comprising first magnetic member mounted on a distal end of the movable rod of the retractable shank, and a second magnetic member mounted on a bottom of the handle and having a polarity the same as that of the first magnetic member, so that the first magnetic member is repulsive with the second magnetic member.~~

Claim 24 ~~13~~ (New claim, original claim 6) The hand tool in accordance with claim 1, wherein the handle has an end provided with a second driving portion.

~~14. The hand tool in accordance with claim 1, wherein the retractable shank includes a driving portion mounted on one end of the movable rod.~~

Claim 25 ~~15~~ (New claim, original claim 15) The hand tool in accordance with claim 1 14, wherein the driving portion of the retractable shank is selected from one of a ratchet wrench, a socket wrench, a direction controllable socket wrench, a screwdriver hand, a box-ended wrench, and an open-ended wrench.

~~16. The hand tool in accordance with claim 14, wherein the driving portion of the retractable shank is a socket wrench.~~

~~17. The hand tool in accordance with claim 14, wherein the driving portion of the retractable shank is a direction controllable socket wrench.~~

~~18. The hand tool in accordance with claim 14, wherein the driving portion of the retractable shank is a screwdriver hand.~~

~~19. The hand tool in accordance with claim 14, wherein the driving portion of the retractable shank is a box ended wrench.~~

~~20. The hand tool in accordance with claim 14, wherein the driving portion of the retractable shank is an open ended wrench.~~

Claim 26 (New claim, the combination of original claims, 3, 12, 5, 7, 8, 10 and 14) A hand tool comprising:

a retractable shank including a rod assembly ~~movable rod~~ having an outer wall formed with an axially ~~a longitudinally~~ arranged slideway and a plurality of radial circumferential ~~transversely arranged~~ limit grooves intersecting the slideways in a vertical manner; wherein the sideways is a recess and each groove is a whole circle enclosing a periphery of the retractable

shank:

a handle telescopically mounted on the retractable shank;  
and

at least one fixing pin extended through the handle and having a distal end slidably mounted in the slideway of the rod assembly ~~movable rod~~ of the retractable shank and slidably positioned in either one of the limit grooves of the rod assembly ~~movable rod~~ of the retractable shank;

(from claim 3) wherein each of the limit grooves has an end provided with a protruding stop portion for stopping and positioning the fixing pin;

(from claim 12) wherein a first magnetic member mounted on a distal end of the movable rod of the retractable shank, and a second magnetic member mounted on a bottom of the handle and having a polarity the same as that of the first magnetic member, so that the first magnetic member is repulsive with the second magnetic member;

(from claim 5) wherein the handle has an inside formed with a receiving chamber for receiving the movable rod of the retractable shank and the elastic member;

(from claim 7) wherein the handle has a periphery formed with at least one through hole for receiving the fixing pin;

(from claim 8) wherein the handle has an inside formed with a receiving chamber, and the through hole of the handle communicates with the receiving chamber of the handle;

(from claim 10) wherein each of the limit grooves ~~of the movable rod of the retractable shank~~ has a wall formed with a positioning recess extended downward for positioning the fixing pin; and

(from claim 14) wherein the retractable shank includes a driving portion mounted on one end of the movable rod.

Claim 27 ~~6~~ (New claim, original claim 6) The hand tool in accordance with claim 26 5, wherein the distal end of the fixing pin is extended into the receiving chamber of the handle.

Claim 28 ~~11~~ (New claim, original claim 11) The hand tool in accordance with claim 26 10, wherein ~~the~~ each of the limit grooves has an end provided with a protruding stop portion, and the positioning recess is located adjacent to the stop portion.

Claim 29 ~~13~~ (New claim, original claim 6) The hand tool in accordance with claim 26 4, wherein the handle has an end provided with a second driving portion.

Claim 30 ~~15~~ (New claim, original claim 15) The hand tool in accordance with claim 26 14, wherein the driving portion of the retractable shank is selected from one of a ratchet wrench, a socket wrench, a direction controllable socket wrench, a screwdriver hand, a box-ended wrench, and an open-ended wrench.

#### (A) Explain of the Amendment of the Claim

(1) Movable rod is amended as rod assembly. This just amends the name of the rod 22 as suggested by the Examiner in the office action. No substantial change is made to the invention.

(2) The longitudinally arranged slideway is amended as the axially arranged slideway. From all the drawings, it is illustrated that all the sideways 23 are arranged axially.

(3) The description of transversely arranged limit grooves 24 is amended as radial circumferential limit grooves. From all the drawings, it is illustrated that all the sideways 23 are arranged axially.

(4) Description of "in a vertical manner" is cancelled. Since the amendments of (2) and (3) make this description being meaningless.



(5) A Description of "wherein the sideway is a recess and each groove is a whole circle enclosing a periphery of the retractable shank;" is added. This can be proved from all the drawings of the present invention.

Thereby, from above discussion, it is assured that the amendments are within the scope of the original claims and drawings and thus no new matter is added.

#### **(B) Discussion of the Novelty of the Present Invention**

The new claim 1 includes the features shown in Figs. 1 to 4 of the present invention.

For the rejection by U. S. patent No. 1,284,351, we have amended the part in the original claims 1 (now that part is incorporated in the new claims 21 and 25), see (1), (2), (3) and (4) is part (A), that is:

- (1) Movable rod is amended as rod assembly.
- (2) The longitudinally arranged slideway is amended as the axially arranged slideway.
- (3) The description of transversely arranged limit grooves 24 is amended as radial circumferential limit grooves.
- (4) Description of "in a vertical manner" is cancelled.
- (5) Description of "wherein the sideway is a recess and each groove is a whole circle enclosing a periphery of the retractable shank;"

However, above amendments made the present invention being different from the citation '251. In '251, the groove 20 is not a whole circle.

However, the features from the amendments in (1) to (4) have not seen in any of the citations.

For the first independent claim 21 of the present invention, in the added part of the original claims 3, 4, 5, 7, 8, 10, and 14 causes that the structure defined in claim 21 is like those illustrated in Figs. 1 to 4 of the

present invention. However, in the structures of the citation reference '251 and U. S. patent No. 1,431,805, the citation '251 is completely different from the claim 1, and the patent '805 has no the rod assembly 22 and related structure of the present invention and moreover '805 has no structure about the rod assembly 22 of the present invention.

Furthermore, for another independent claim 26, the same reason as above can be used to explain the novelty of the present invention, just the spring is replaced by the magnetic members. However, the USP 6,666,114 only has the structure of the magnetic members, but it cannot present all the functions of the present invention.

Moreover, in claims 21 and 26 of the present invention, the retractable shank of the present invention has a driving portion. Although the USP 4,409,886 has such a function, but it has no other functions in the two claims 21, 26 of the present invention.

In summary, for the independent claims 21, 26 of the present invention, no any citation has the function of the rod assembly 22 (which has been amended from the original claim 1 so as to differ from the USP 1,284,351). Although other citations have part of the claims 21, 26, they have no whole function of the present invention. Thus, they cannot provide the convenience in the operation as the present invention is combined with other hand tool.

### **(C) RESULT**


Since in above discussion, it is apparent that no prior art has the features of the present invention, especially in new claims 21, 26. Furthermore, as we know that no other prior art has features of the present invention. Thus, the present invention is novel and inventive.

Applicant requests and authorizes Examiner to amend the claims of the present invention so that the claim can match the requirement of U. S. Patent. Attentions of Examiner to this matter is greatly

appreciated.

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

Respectfully submitted.



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